

Converting Colors

Hex(CB0A7F)

Have a look what the booklet for
Hex(CB0A7F) contains.

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Color

Hex(CB0A7F)

Conversions

Conversions Part 1

Format	Color
Hex	CB0A7F
RGB	203, 10, 127
RGB Percent	80%, 4%, 50%
CMY	0.2039, 0.9608, 0.5020
CMYK	0.00, 0.95, 0.37, 0.20
HSL	324°, 91%, 42%
HSV	324°, 95%, 80%
XYZ	28.5679, 14.4459, 21.3613
YIQ	81.0450, 77.4710, 77.3030

Conversions

Conversions Part 2

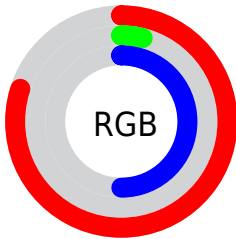
Format	Color
R_{YB}	203, 10, 127
Decimal	13306495
CIE _{Lab}	44.87, 72.57, -11.27
CIE _{LCh}	45, 73.445, 351.172
Yxy	14.4459, 0.4438, 0.2244
Android (android.graphics.Color)	4291496575 (0xFFCB0A7F)
YUV	81.0450, 22.6558, 106.9545
Hunter-Lab	38.0078, 67.6530, -6.7170

Details

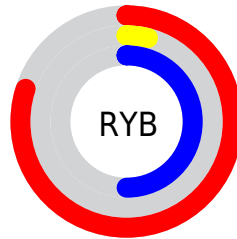
The Hex color **CB0A7F** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **0ACB56**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5BB4**, and **8F004E** is the 20% darker color. If you saturate the color by 10%, you get **CB007B**, and if you desaturate by 10%, it is **CB1E87**.

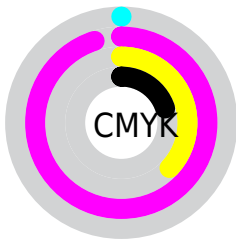
Distribution



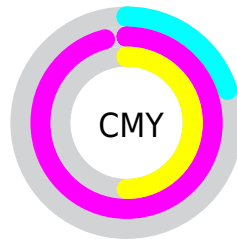
- Red (80%)
- Green (4%)
- Blue (50%)



- Red (80%)
- Yellow (4%)
- Blue (50%)



- Cyan (0%)
- Magenta (95%)
- Yellow (37%)
- Black (20%)



- Cyan (20%)
- Magenta (96%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB0A7F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CB0A7F by changing the saturation by 10% instead.

 CB0A7F

 CB0A7F

FFFFFF

 AD0066

 FF5BB4

 8F004E

 FF79CF

 720037

 FF96EB

 550022

 FFB4FF

 390008

 FFD2FF

 110000

 FFF0FF

 000000

 CB0A7F

 CB0A7F

 CB007B

 CB1E87

 CB338F

 CB4797

 CB5B9F

 CB70A7

 CB84AF

 CB98B7

 CBACBF

 CBC1C7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9F3FB8



CB0A7F



D11442

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CB0A7F



587400



0081CA

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CB0A7F



0ACB56

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008495



CB0A7F



007E0C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CB0A7F



916100



008355



0077E5

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CB0A7F



C5351A



008355



0083BA

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CB0A7F



FFB5E2



540ACB



80536E



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CB0A7F



FF009B



CB0A21



665C62



A60064



260017

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CB0A7F



FF009B



0ACBB4



665C62



A60064



260017

Previews

White Background



This preview shows how the Hex color CB0A7F looks on a white background.

Color Contrast Check

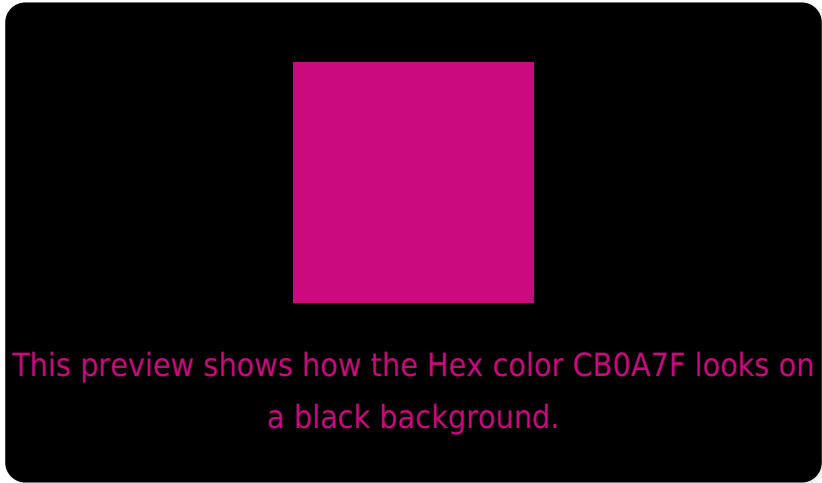
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CB0A7F Background



This preview shows how black text looks on a background with the Hex color CB0A7F.

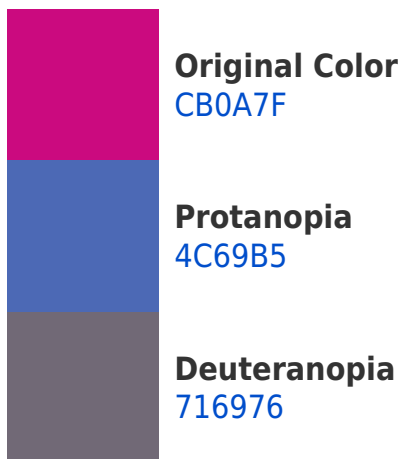



This preview shows how white text looks on a background with the Hex color CB0A7F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
C63334

Trichromacy



Original Color
CB0A7F



Protanomaly
7A46A1



Deuteranomaly
924679

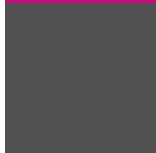


Tritanomaly
C8244F

Monochromacy



Original Color
CB0A7F



Achromatopsia
515151



Achromatomaly
7D3762

CSS Examples

Text

The CSS property to change the color of the text to Hex CB0A7F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CB0A7F looks like.

```
.text, #text, p{  
    color:#CB0A7F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CB0A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB0A7F
}
```

Border

The CSS property to change the border of an element to Hex CB0A7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB0A7F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CB0A7F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CB0A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB0A7F; -webkit-box-shadow:4px 4px  
4px 4px #CB0A7F; box-shadow:4px 4px 4px  
4px #CB0A7F }
```

Background

The CSS property to change the background color of an element to Hex CB0A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB0A7F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CB0A7F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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